

DIFFUSELY REFLECTIVE DISPLAY CELL

Abstract

A combination of a relatively low backscatter diffuser with a specularly reflective or weakly scattering transducer to achieve the required front of screen properties for a paper-like display. The diffuser, which may be of the volume or surface relief type, is enclosed in the display cell. The transducer may be any one of several electro-optically active materials such as a liquid crystal, electrochromic or electrophoretic types.

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